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15 January 1959

TO : Major Hippert

FROM:

*RWH*

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SUBJ: System Seven

1. At the Headquarters System 7 meeting of 29 and 30 December, several points and problems were brought out which we at Edwards were to investigate or resolve as possible. The following is an initial report on our progress.

2. Work on the noise problem will proceed at Edwards as outlined in Edwards 2768 dated 15 January.

3. Q bay drawings requested by H.R.B. to locate pins and position of the A frame were forwarded by L.A.C.

4. Access to the P-band antenna feed point does not appear to be as great a problem as originally expected. Limited access (connecting and disconnecting of equipments, etc.) is possible via upper access doors just forward of the tail section. Where additional access is required (installation of equipment, etc.) the tail section can be removed. This is approximately a 3 hour job.

5. It was the opinion that if a communication system were available to the pilot and could provide him with an accurate turn on time, as much as 10 DB could be gained in sensitivity. It is the opinion of the L.A.C. engineers who have had experience with the KWM-1 single-side-band transceiver, as well as my own personal opinion, that the KWM-1 would provide at least a 75 percent reliable communication link over the distances involved. It is requested that Headquarters consider authorizing Edwards to purchase, and further test the KWM-1 for possible use with System 7. Collins Radio Company is presently engaged in developing a Mil Spec version of the KWM-1.



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Copy to: H.R.B.

25 YEAR RE-REVIEW

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